

FORM PTO 1448 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>03500.018109</b>		APPLICATION NO. <b>10/553,221</b>	
				APPLICANT <b>Tetsuya Yano et al.</b>			
				FILING DATE <b>April 30, 2004</b>		GROUP <b>1657</b> <del>1615</del>	

  

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/HJL/		4,358,388	11/09/82	Daniel et al.	252	62.54	
/HJL/		4,654,267	03/31/87	Ugelstad	428	407	
/HJL/		4,774,265	09/27/88	Ugelstad	521	55	
/HJL/		5,200,332	04/06/93	Yamane et al.	435	135	
/HJL/		2006/0211100 A1	09/21/06	Kenmoku et al.	435	135	
/HJL/		4,393,167	07/12/83	Holmes et al.	525	64	
/HJL/		4,477,654	10/16/84	Holmes et al.	528	361	
/HJL/		4,876,331	10/24/89	Doi	528	361	

  

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/HJL/	WO	2005/121204 A2	12/22/05	International			
/HJL/	WO	2005/121206 A1	12/22/05	International			
/HJL/	WO	2004/097417 A1	11/11/04	International			
/HJL/	WO	2005/121205 A1	12/22/05	International			
/HJL/	WO	2005/121208 A1	12/22/05	International			

  

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/HJL/	Bruce A. Ramsay et al., "Effect of Nitrogen Limitation on Long-Side-Chain Poly - $\beta$ -Hydroxyalkanoate Synthesis by <i>Pseudomonas resinovans</i> ," 58(2) <u>Appl. Environ. Microbiol.</u> 744-46 (1992).
/HJL/	Hideki Abe et al., "Biosynthesis from Gluconate of a Random Copolyester Consisting of 3-Hydroxybutyrate and Medium-Chain-Length 3-Hydroxyalkanoates by <i>Pseudomonas</i> sp. 61-3," 16(3) <u>Int. J. Biol. Macromol.</u> 115-19 (June 1994).
/HJL/	Y.B. Kim et al., "Preparation and Characterization of Poly( $\beta$ -Hydroxyalkanoates) Obtained from <i>Pseudomonas oleovorans</i> with Mixtures of 5-Phenylvaleric Acid and n-Alkanoic Acids," 24 <u>Macromol.</u> 5256-60 (1991).
/HJL/	Katharina Fritzsche et al., "An Unusual Bacterial Polyester with a Phenyl Pendant Group," 191 <u>Macromol. Chem.</u> 1957-65 (1990).

  

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11-30-06

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			FILING DATE <p style="text-align: center;"><b>April 30, 2004</b></p>		GROUP <p style="text-align: center;"><b>1657</b> <b>1615</b></p>		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/HJL/		5,292,860	03/08/94	Shiotani et al.	528	361	
		5,135,859	08/04/92	Witholt et al.	435	135	
		5,334,698	08/02/94	Witholt et al.	528	354	
		6,635,782 B2	10/21/03	Honma et al.	560	53	
		7,078,200 B2	07/18/06	Honma et al.	435	135	
		6,911,521 B2	06/28/05	Kenmoku et al.	528	295	
		2003/0113368 A1	06/19/03	Nomoto et a.	424	450	
/HJL/		6,872,788 B2	03/29/05	Imamura et al.	525	440	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
/HJL/	WO	2005/121207 A1	12/22/05	International			
	JP	2989175	10/08/99	Japan			Abstract
	JP	2001-78753	03/27/01	Japan			Abstract
	JP	2001-69968	03/21/01	Japan			Abstract
/HJL/	JP	7-265065	10/17/95	Japan			Abstract
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/HJL/		Safwat Antoun et al., "Production of Chiral Polyester by <i>Pseudomonas oleovorans</i> Grown with 5-Phenyl-2,4-Pentadienoic Acid," 3(6) <i>Chirality</i> 492-94 (1991).					
		Joanne M. Curley et al., "Production of Poly(3-Hydroxyalkanoates) Containing Aromatic Substituents by <i>Pseudomonas oleovorans</i> ," 29 <i>Macromol.</i> 1762-1766 (1996).					
		Suzette M. Aróstegui et al., "Bacterial Polyesters Produced by <i>Pseudomonas oleovorans</i> Containing Nitrophenyl Groups," 32 <i>Macromol.</i> 2889-95 (1999).					
/HJL/		Helmut Ritter et al., "Bacterial Production of Polyesters Bearing Phenoxy Groups in the Side Chains, 1 Poly(3-Hydroxy-5-Phenoxypentanoate- co-3-Hydroxy-9-Phenoxy-Nonanoate) from <i>Pseudomonas oleovorans</i> ," 195 <i>Macromol. Chem. Phys.</i> 1665-72 (1994).					
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/HJL/		<b>6,645,743 B1</b>	<b>11/11/03</b>	<b>Honma et al.</b>	<b>435</b>	<b>146</b>	
		<b>2006/0040366 A1</b>	<b>02/23/06</b>	<b>Kenmoku et al.</b>	<b>435</b>	<b>135</b>	
		<b>2006/0079662 A1</b>	<b>04/13/06</b>	<b>Fukui et al.</b>	<b>528</b>	<b>272</b>	
		<b>2005/0196521 A1</b>	<b>09/08/05</b>	<b>Kozaki et al.</b>	<b>427</b>	<b>2.24</b>	
		<b>7,056,708 B2</b>	<b>06/06/06</b>	<b>Kenmoku et al.</b>	<b>435</b>	<b>130</b>	
		<b>7,135,540 B2</b>	<b>11/14/06</b>	<b>Honma et al.</b>	<b>528</b>	<b>272</b>	
		<b>6,649,380 B1</b>	<b>11/18/03</b>	<b>Yano et al.</b>	<b>435</b>	<b>135</b>	
/HJL/		<b>4,652,441</b>	<b>03/24/87</b>	<b>Okada et al.</b>	<b>424</b>	<b>19</b>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
/HJL/	<b>JP</b>	<b>4-3088</b>	<b>01/22/92</b>	<b>Japan</b>			<b>Abstract</b>
	<b>JP</b>	<b>5-10808</b>	<b>02/10/93</b>	<b>Japan</b>			<b>No</b>
	<b>JP</b>	<b>9-191893</b>	<b>07/29/97</b>	<b>Japan</b>			<b>Abstract</b>
	<b>JP</b>	<b>59-221302</b>	<b>12/12/84</b>	<b>Japan</b>			<b>Abstract</b>
/HJL/	<b>JP</b>	<b>5-7492</b>	<b>01/19/93</b>	<b>Japan</b>			<b>Abstract</b>
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/HJL/		<b>Young Baek Kim et al., "Poly-3-Hydroxyalkanoates Produced from <i>Pseudomonas oleovorans</i> Grown with <math>\omega</math>-Polyhydroxyalkanoates," 29 <u>Macromol.</u> 3432-35 (1996).</b>					
		<b>Ohyoung Kim et al., "Bioengineering of Poly( <math>\beta</math>-hydroxyalkanoates) for Advanced Material Applications: Incorporation of Cyano and Nitrophenoxy Side Chain Substituents," 41 (Supp. 1) <u>Can. J. Microbiol.</u> 32-43 (1995).</b>					
		<b>Marianela Andújar et al., "Polyesters Produced by <i>Pseudomonas oleovorans</i> Containing Cyclohexyl Groups," 30 <u>Macromol.</u> 1611-15 (1997).</b>					
/HJL/		<b>Henry J. Vogel et al., "Acetylornithinase of <i>Escherichia coli</i> : Partial Purification and Some Properties," 218 <u>J. Biol. Chem.</u> 97-106 (1956).</b>					
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/HJL/		4,711,782	12/08/87	Okada et al.	424	455	
		4,917,893	04/17/90	Okada et al.	424	423	
		5,061,492	10/29/91	Okada et al.	424	423	
		5,476,663	12/19/95	Okada et al.	424	423	
		5,631,020	05/20/97	Okada et al.	424	451	
		5,631,021	05/20/97	Okada et al.	424	451	
		6,113,941	09/05/00	Takada et al.	424	451	
/HJL/		5,656,299	08/12/97	Kino et al.	424	489	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
/HJL/	JP	2642937	05/02/97	Japan			Abstract
	JP	6-15604 B2	03/02/94	Japan			Abstract
	JP	7-14352 B2	02/22/95	Japan			Abstract
	JP	8-19227 B2	02/28/96	Japan			Abstract
/HJL/	JP	5-93049	04/16/93	Japan			Abstract
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/HJL/		Geoffrey A.R. Nobes et al., "Growth and Kinetics of <i>in vitro</i> Poly([R]-(—)-3-hydroxybutyrate) Granules Interpreted as Particulate Polymerization with Coalescence," 21 <u>Macromol. Rapid Commun.</u> 77-84 (2000).					
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/HJL/		J. Sambrook et al., <u>Molecular Cloning: A Laboratory Manual</u> , 2 <sup>nd</sup> ed., p. 5.72 (1989).					
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/HJL/		4,954,298	09/04/90	Yamamoto et al.	464	4.6	
		5,330,767	07/19/94	Yamamoto et al.	424	497	
		5,271,945	12/21/93	Yoshioka et al.	424	489	
		5,480,656	01/02/96	Okada et al.	424	439	
		5,643,607	06/01/97	Okada et al.	424	493	
		5,814,342	09/29/98	Okada et al.	424	493	
		4,675,189	06/23/87	Kent et al.	424	490	
/HJL/		6,117,455	09/12/00	Takada et al.	424	501	

  

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/HJL/	JP	1-57087	12/04/89	Japan			Abstract
	JP	8-151322	06/11/96	Japan			Abstract
	JP	8-217691	08/27/96	Japan			Abstract
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/HJL/	John L. Speier et al., "The Addition of Silicon Hydrides to Olefinic Double Bonds. Part I. The Use of Phenylsilane, Diphenylsilane, Phenylmethylsilane, Amylsilane and Tribromosilane," 78 J. Amer. Chem. Soc. 2278-81(1956).
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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/HJL/		5,051,261	09/24/91	McGinity et al.	424	464	
/HJL/		6,146,665	11/14/00	Marchessault et al.	424	497	
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/HJL/	WO	96/7399 A1	03/14/96	International			
	WO	94/10982 A1	05/26/94	International			Abstract
	EP	0 945 137 A1	09/29/99	Europe			
	JP	11-199514	07/27/99	Japan			Abstract
/HJL/	JP	60-100516	06/04/85	Japan			Abstract
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/HJL/		Katharina Fritzsche et al., "Production of Unsaturated Polyesters by <i>Pseudomonas oleovorans</i> ," 12 <u>Int. J. Macromol.</u> 85-91 (April 1990).					
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		Yasuo Takagi et al., "Biosynthesis of Polyhydroxyalkanoate with a Thiophenoxy Side Groups Obtained from <i>Pseudomonas putida</i> ," 32 <u>Macromol.</u> 8315-18 (1999).					
/HJL/		Bernd H.A. Rehm et al., "A New Metabolic Link Between Fatty Acid <i>de Novo</i> Synthesis and Polyhydroxyalkanoic Acid Synthesis," 273(37) <u>J. Biol. Chem.</u> 24044-51 (1998).					
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/HJL/	JP	62-201816	09/05/87	Japan			Abstract
	JP	2-124814	05/14/90	Japan			Abstract
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/HJL/ JP 57-118512	07/23/82	Japan			Abstract		
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JP 8-151321	06/11/86	Japan			Abstract		
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JC09 Rec'd PCT/PTO 17 OCT 2005

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/HJL/	S.A. Gómez-Lopera et al., "Synthesis and Characterization of Spherical Magnetite/Biodegradable Polymer Composite Particles," 240 J. Colloid. Interface Sci. 40-47 (2001).

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Sheet 1 of 1